

Title (en)
LIQUID CHROMATOGRAPH

Title (de)
FLÜSSIGCHROMATOGRAPH

Title (fr)
CHROMATOGRAPHE EN PHASE LIQUIDE

Publication
EP 3236256 A1 20171025 (EN)

Application
EP 14908379 A 20141215

Priority
JP 2014083178 W 20141215

Abstract (en)
A liquid chromatograph includes: a concentration column 32 for capturing a target component in a liquid sample; an analysis column 42 for separating the target component from other components; first passage-switching units 1, 4, and 6 for switching between the state of forming a passage through which a sample-introduction mobile phase containing the liquid sample is fed to the concentration column 32, and the state of forming a passage through which an eluant for eluting the target component captured in the concentration column 32 is fed to the concentration column 32; a first storage unit 14 for storing the eluant containing the target component; and a second passage-switching unit 13 for switching between the state of forming a passage through which an analysis mobile phase is fed to the analysis column 42 and a passage through which the eluant from the concentration column 32 is fed to the first storage unit 14, and the state of forming a passage through which the analysis mobile phase is fed to the analysis column 42 via the first storage unit 14.

IPC 8 full level
G01N 30/08 (2006.01); **G01N 30/26** (2006.01)

CPC (source: EP US)
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3236256 A1 20171025; **EP 3236256 A4 20171129**; JP 6260719 B2 20180117; JP WO2016098169 A1 20170427; US 2017343519 A1 20171130; WO 2016098169 A1 20160623

DOCDB simple family (application)
EP 14908379 A 20141215; JP 2014083178 W 20141215; JP 2016564481 A 20141215; US 201415536273 A 20141215